

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method in a communication system for establishing a an application layer session between two or more users separate from a link layer connection between the users (A, B), the communication system comprising user end points (1,6,7), a network (3), and an intermediate end point (4), the user end points (1,6,7) being able to be connected to the network (3) by ~~means of~~ desired ones of access configurations, comprising the steps of :

a) initiating ~~(1)~~ a an application layer session by a first user (A) with a second user (B) by sending an application layer session invitation request signal from the first user (A) over the network (3);

b) the intermediate point (4) receiving the request, and

b1) associating an application layer session invitation identity to the request,

b2) forwarding the request together with the invitation identity to the second user

(B) over the network;

c) the second user (B) selecting an end point and/or at least ~~on~~ one access configuration for responding to application layer session the session invitation request; ~~and;~~

~~e1)~~ d) responding to the request with a selected end point and/or access configuration by appending the application layer session invitation identity; and

~~d)~~ e) the intermediate point (4) associating the response with ~~said~~ the application session invitation request signal and establishing the application layer session.

2. (Currently Amended) A method according to claim 1, characterized by providing the identity ~~allocated~~ associated in step b1) as a random ~~RANDOM~~ number or a tag.

3. (Previously Presented) A method according to claim 1, characterized by the intermediate point forwarding the invitation in accordance with user preference data defining how the invitation shall be forwarded to the second user.

4. (Original) A method according to claim 3, characterized by providing the user preference data to define an end point and/or access configuration by which invitations to the second user shall be forwarded.

5. (Previously Presented) A method according to claim 1, characterized by informing the second user about the invitation together with the invitation identify by means of a ringing signal, a buzz, a flash, or by E-mail.

6. (Previously Presented) A method according to claim 1, characterized by the second user selecting the end point and/or access configuration for responding to the session invitation on the basis of available end points and access configuration.

7. (Currently Amended) A method according to claim 6, characterized by the second user selecting an end point and/or access configuration for responding to the session invitation based on the kind of the invited session.

8. (Previously Presented) A method according to claim 1, characterized by using as end point by the second user a fixed telephone, a mobile phone, a PC, a multimedia desktop, a lap top, or an end point belonging to a LAN of the second user.

9. (Previously Presented) A method according to claim 1, characterized by selecting by the second user the access configuration to be cellular, Ethernet, Token Ring, FDDI, Wireless LAN, Satellite, Bluetooth, etc.

10. (Previously Presented) A method according to claim 1, characterized by providing the session invitation in step a) as real time text, audio, audio and text, voice and streaming video, voice and real time video, voice and office tools or VR gaming.

11. (Currently Amended) A method according to claim 1, characterized by adjusting timers in application layer session establishment protocols to allow for the time required for the possible change of end point and/or access configuration.

12. (Previously Presented) A method according to claim 1, characterized by informing the first user about a possible change of end point and/or access configuration to allow for the time required for the change.

13. (Currently Amended) A communication system comprising user end points (1,6,7), a network (3), and an intermediate end point (4), the user end points (1,6,7) being able to be connected to the network (3) by means of desired ones of available link layer technologies, ~~characterized by~~ comprising:

a) means for inviting (1) a an application layer session by a first user (A) with a second user (B) by sending an application layer session invitation request from the first user (A) over the network (3), the application layer session being separate from a link layer connection between the users;

b) means at the intermediate point (4) for receiving the request, associating an application layer session invitation identity to the request and forwarding the request together with the application layer session invitation identity to the second user (B) over the network;

c) means for allowing the second user (B) to select an end point and/or access configuration for responding to the application layer session invitation request, and for

responding to the application layer session request with the selected end point and/or access configuration by appending the invitation identity; and

d) means at the intermediate point (4) for associating the response with said the application layer session invitation request signal and establishing the application layer session.

14. (Currently Amended) A system according to claim 13, characterized by the ~~allocated~~ associated identity being a ~~RANDOM~~ random number or a tag.

15. (Currently Amended) A system according to claim 13, characterized by means at the intermediate point for forwarding the invitation in accordance with user preference data defining how the invitation shall be forwarded to the second user.

16. (Original) A system according to claim 13, characterized by the user preference data defining an end point and/or access configuration by which invitations to the second user shall be forwarded.

17. (Previously Presented) A system according to claim 13, characterized by means for informing the second user about the application layer session invitation together with the application layer session invitation identity in the form of a ringing signal, a buzz, a flash, or by E-mail.

18. (Currently Amended) A system according to claim 13, characterized by means for allowing the second user to select an point and/or access configuration for responding to the application layer session invitation in the form of available end points and access configuration.

19. (Currently Amended) A system according to claim 18, characterized by means for allowing the second user to select end point and/or access configuration for responding to the application layer session invitation based on the kind of the invited session.

20. (Previously Presented) A system according to claim 13, characterized in that the end point of the second user is a fixed telephone, a mobile phone, a PC, a multimedia desktop, a laptop, or an end point belonging to a LAN of the second user.

21. (Previously Presented) A system according to claim 13, characterized in that the access configuration used by the second user is cellular, Ethernet, Token Ring, FDDI, Wireless LAN, Satellite, Bluetooth etc.

22. (Currently Amended) A system according to claim 13, characterized in that the application layer session invitation is in the form of real time text, audio, audio and text, voice and streaming video, voice and real time video, voice and office tools or VR gaming.

23. (Currently Amended) A system according to claim 13, characterized by means for adjusting timers in session application layer establishment protocols to allow for the time required for the possible change of end point and/or access configuration.

24. (Previously Presented) A method according to claim 13, characterized by means for informing the first user about a possible change of end point and/or access configuration to allow for the time required for the change.

25. (Currently Amended) A method in a communication system for enabling establishment of a an application layer session between two or more users separate from a link layer connection between the users (A, B), the communication system comprising user end points (1,6,7), a network (3), and an intermediate end point (4), the user end points (1,6,7) being able to access the network (3) by ~~means of~~ desired ones of available link layer technologies, said establishment comprising the steps of :

a) initiating ~~(1)~~ a an application layer session by a first user (A) to a second user (B) by means of sending an application layer session invitation request identity from the first user (A) via the network (3) to the second user (B),

b) the intermediate point (4) receiving the request, and ~~b1)~~ associating an application layer session invitation identity to the request (3'), and ~~b2)~~ forwarding (4') the request together with the invitation identity to the second user (B) over the network (3), ~~characterized by~~

H) ~~c)~~ enabling the second user (B) ~~e)~~ to select between more than one ~~terminals~~ terminal for response, ~~d)~~ and to select an access configuration for the application layer session, and

H) ~~e)~~ enabling the second user (B) to respond (7',8') to the request with the selected terminal and access configuration;

26. (Currently Amended) A method according to claim 25, characterized by also enabling the second user in step H) ~~c)~~ to append a received application layer invitation identity corresponding to the selected terminal, ~~to be also included for inclusion~~ with the response in step H) ~~c)~~.

27. (Currently Amended) A method according to claim 25, characterized by enabling the second user (B), in case of receiving an invitation request, to select between the steps of:

- A) keeping terminal and access configuration for session,
- B) keeping terminal and changing access configuration for session,
- C) changing terminal and keeping access configuration for session,
- D) changing terminal and access configuration for session.

28. (Currently Amended) A method according to claim 27, characterized by

enabling the second user (~~B~~), in case of receiving an invitation request if any of steps ~~C~~c) or ~~D~~d) prevail, to transfer application layer session information to a new terminal.

28. (Previously Presented) A method according to claim 2, characterized by the intermediate point forwarding the invitation in accordance with user preference data defining how the invitation shall be forwarded to the second user.

29. (Previously Presented) A method according to claim 2, characterized by informing the second user about the invitation together with the invitation identity by means of a ringing signal, a buzz, a flash, or by E-mail.

30. (Previously Presented) A method according to claim 3, characterized by informing the second user about the invitation together with the invitation identity by means of a ringing signal, a buzz, a flash, or by E-mail.

31. (Previously Presented) A method according to claim 4, characterized by informing the second user about the invitation together with the invitation identity by means of a ringing signal, a buzz, a flash, or by E-mail.

32. (Previously Presented) A method according to claim 2, characterized by the second user selecting the end point and/or access configuration for responding to the session invitation on the basis of available end points and access configuration.

33. (Previously Presented) A method according to claim 3, characterized by the second user selecting the end point and/or access configuration for responding to the session invitation on the basis of available end points and access configuration.

34. (Previously Presented) A method according to claim 4, characterized by the second user selecting the end point and/or access configuration for responding to the session invitation on the basis of available end points and access configuration.

35. (Previously Presented) A method according to claim 5, characterized by the second user selecting the end point and/or access configuration for responding to the session invitation on the basis of available end points and access configuration.

36. (Previously Presented) A method according to claim 2, characterized by using as end point by the second user a fixed telephone, a mobile phone, a PC, a multimedia desktop, a lap top, or an end point belonging to a LAN of the second user.

37. (Previously Presented) A method according to claim 3, characterized by using as end point by the second user a fixed telephone, a mobile phone, a PC, a multimedia desktop, a lap top, or an end point belonging to a LAN of the second user.

38. (Previously Presented) A method according to claim 4, characterized by using as end point by the second user a fixed telephone, a mobile phone, a PC, a multimedia desktop, a lap top, or an end point belonging to a LAN of the second user.

39. (Previously Presented) A method according to claim 5, characterized by using as end point by the second user a fixed telephone, a mobile phone, a PC, a multimedia desktop, a lap top, or an end point belonging to a LAN of the second user.

40. (Previously Presented) A method according to claim 6, characterized by using as end point by the second user a fixed telephone, a mobile phone, a PC, a multimedia desktop, a lap top, or an end point belonging to a LAN of the second user.

41. (Previously Presented) A method according to claim 7, characterized by using as end point by the second user a fixed telephone, a mobile phone, a PC, a multimedia desktop, a lap top, or an end point belonging to a LAN of the second user.

42. (Previously Presented) A method according to claim 2, characterized in by selecting the second user the access configuration to be cellular, Ethernet, Token Ring, FDDI, Wireless LAN, Satellite, Bluetooth etc.

43. (Previously Presented) A method according to claim 3, characterized in by selecting the second user the access configuration to be cellular, Ethernet, Token Ring, FDDI, Wireless LAN, Satellite, Bluetooth etc.

44. (Previously Presented) A method according to claim 4, characterized in by selecting the second user the access configuration to be cellular, Ethernet, Token Ring, FDDI, Wireless LAN, Satellite, Bluetooth etc.

45. (Previously Presented) A method according to claim 5, characterized in by selecting the second user the access configuration to be cellular, Ethernet, Token Ring, FDDI, Wireless LAN, Satellite, Bluetooth etc.

46. (Previously Presented) A method according to claim 6, characterized in by selecting the second user the access configuration to be cellular, Ethernet, Token Ring, FDDI, Wireless LAN, Satellite, Bluetooth etc.

47. (Previously Presented) A method according to claim 7, characterized in by selecting the second user the access configuration to be cellular, Ethernet, Token Ring, FDDI, Wireless LAN, Satellite, Bluetooth etc.

48. (Previously Presented) A method according to claim 2, characterized by providing the session invitation in step a) as real time text, audio, audio and text, voice and streaming video, voice and real time video, voice and office tools or VR gaming.

49. (Previously Presented) A method according to claim 3, characterized by providing the session invitation in step a) as real time text, audio, audio and text, voice and streaming video, voice and real time video, voice and office tools or VR gaming.

50. (Previously Presented) A method according to claim 4, characterized by providing the session invitation in step a) as real time text, audio, audio and text, voice and streaming video, voice and real time video, voice and office tools or VR gaming.

51. (Previously Presented) A method according to claim 5, characterized by providing the session invitation in step a) as real time text, audio, audio and text, voice and streaming video, voice and real time video, voice and office tools or VR gaming.

52. (Previously Presented) A method according to claim 6, characterized by providing the session invitation in step a) as real time text, audio, audio and text, voice and streaming video, voice and real time video, voice and office tools or VR gaming.

53. (Previously Presented) A method according to claim 7, characterized by providing the session invitation in step a) as real time text, audio, audio and text, voice and streaming video, voice and real time video, voice and office tools or VR gaming.

54. (Previously Presented) A method according to claim 8, characterized by providing the session invitation in step a) as real time text, audio, audio and text, voice and streaming video, voice and real time video, voice and office tools or VR gaming.

55. (Previously Presented) A method according to claim 9, characterized by providing the session invitation in step a) as real time text, audio, audio and text, voice and streaming video, voice and real time video, voice and office tools or VR gaming.

56. (Previously Presented) A method according to claim 2, characterized by adjusting timers in session establishment protocols to allow for the time required for the possible change of end point and/or access configuration.

57 (Previously Presented) A method according to claim 3, characterized by adjusting timers in session establishment protocols to allow for the time required for the possible change of end point and/or access configuration.

58 (Previously Presented) A method according to claim 4, characterized by adjusting timers in session establishment protocols to allow for the time required for the possible change of end point and/or access configuration.

59. (Previously Presented) A method according to claim 5, characterized by adjusting timers in session establishment protocols to allow for the time required for the possible change of end point and/or access configuration.

60. (Previously Presented) A method according to claim 6, characterized by adjusting timers in session establishment protocols to allow for the time required for the possible change of end point and/or access configuration.

61. (Previously Presented) A method according to claim 7, characterized by adjusting timers in session establishment protocols to allow for the time required for the possible change of end point and/or access configuration.

62. (Previously Presented) A method according to claim 8, characterized by adjusting timers in session establishment protocols to allow for the time required for the possible change of end point and/or access configuration.

63. (Previously Presented) A method according to claim 9, characterized by adjusting timers in session establishment protocols to allow for the time required for the possible change of end point and/or access configuration.

64. (Previously Presented) A method according to claim 10, characterized by adjusting timers in session establishment protocols to allow for the time required for the possible change of end point and/or access configuration.

65. (Previously Presented) A method according to claim 2, characterized by informing the first user about a possible change of end point and/or access configuration to allow for the time required for a change.

66. (Previously Presented) A method according to claim 3, characterized by informing the first user about a possible change of end point and/or access configuration to allow for the time required for a change.

67. (Previously Presented) A method according to claim 4, characterized by informing the first user about a possible change of end point and/or access configuration to allow for the time required for a change.

68. (Previously Presented) A method according to claim 5, characterized by informing the first user about a possible change of end point and/or access configuration to allow for the time required for a change.

69. (Previously Presented) A method according to claim 6, characterized by informing the first user about a possible change of end point and/or access configuration to allow for the time required for a change.

70. (Previously Presented) A method according to claim 7, characterized by informing the first user about a possible change of end point and/or access configuration to allow for the time required for a change.

71. (Previously Presented) A method according to claim 8, characterized by informing the first user about a possible change of end point and/or access configuration to allow for the time required for a change.

72. (Previously Presented) A method according to claim 9, characterized by informing the first user about a possible change of end point and/or access configuration to allow for the time required for a change.

73. (Previously Presented) A method according to claim 10, characterized by informing the first user about a possible change of end point and/or access configuration to allow for the time required for a change.

74. (Previously Presented) A method according to claim 11, characterized by informing the first user about a possible change of end point and/or access configuration to allow for the time required for a change.

75. (Previously Presented) A system according to claim 14, characterized by means at the intermediate point for forwarding the invitation in accordance with user preference data defining how the invitation shall be forwarded to the second user.

76. (Previously Presented) A system according to claim 14, characterized by means for informing the second user about the invitation together with the invitation identity in the form of a ringing signal, a buzz, a flash, or by E-mail.

77. (Previously Presented) A system according to claim 15, characterized by means for informing the second user about the invitation together with the invitation identity in the form of a ringing signal, a buzz, a flash, or by E-mail.

78. (Previously Presented) A system according to claim 16, characterized by means for informing the second user about the invitation together with the invitation identity in the form of a ringing signal, a buzz, a flash, or by E-mail.

79. (Previously Presented) A system according to claim 14, characterized by means for allowing the second user to select end point and/or access configuration for responding to the session invitation in the form of available end points and access configuration.

80. (Previously Presented) A system according to claim 15, characterized by means for allowing the second user to select end point and/or access configuration for responding to the session invitation in the form of available end points and access configuration.

81. (Previously Presented) A system according to claim 16, characterized by means for allowing the second user to select end point and/or access configuration for responding to the session invitation in the form of available end points and access configuration.

82. (Previously Presented) A system according to claim 14, characterized in that the end point of the second user is a fixed telephone, a mobile phone, a PC, a multimedia desktop, a lap top, or an end point belonging to a LAN of the second user.

83. (Previously Presented) A system according to claim 15, characterized in that the end point of the second user is a fixed telephone, a mobile phone, a PC, a multimedia desktop, a lap top, or an end point belonging to a LAN of the second user.

84. (Previously Presented) A system according to claim 16, characterized in that the end point of the second user is a fixed telephone, a mobile phone, a PC, a multimedia desktop, a laptop, or an end point belonging to a LAN of the second user.

85. (Previously Presented) A system according to claim 17, characterized in that the end point of the second user is a fixed telephone, a mobile phone, a PC, a multimedia desktop, a laptop, or an end point belonging to a LAN of the second user.

86. (Previously Presented) A system according to claim 18, characterized in that the end point of the second user is a fixed telephone, a mobile phone, a PC, a multimedia desktop, a laptop, or an end point belonging to a LAN of the second user.

87. (Previously Presented) A system according to claim 19, characterized in that the end point of the second user is a fixed telephone, a mobile phone, a PC, a multimedia desktop, a laptop, or an end point belonging to a LAN of the second user.

88. (Previously Presented) A system according to claim 14, characterized in that the access configuration used by the second user is cellular, Ethernet, Token Ring, FDDI, Wireless LAN, Satellite, Bluetooth etc.

89. (Previously Presented) A system according to claim 15, characterized in that the access configuration used by the second user is cellular, Ethernet, Token Ring, FDDI, Wireless LAN, Satellite, Bluetooth etc.

90. (Previously Presented) A system according to claim 16, characterized in that the access configuration used by the second user is cellular, Ethernet, Token Ring, FDDI, Wireless LAN, Satellite, Bluetooth etc.

91. (Previously Presented) A system according to claim 17, characterized in that the access configuration used by the second user is cellular, Ethernet, Token Ring, FDDI, Wireless LAN, Satellite, Bluetooth etc.

92. (Previously Presented) A system according to claim 18, characterized in that the access configuration used by the second user is cellular, Ethernet, Token Ring, FDDI, Wireless LAN, Satellite, Bluetooth etc.

93. (Previously Presented) A system according to claim 19, characterized in that the access configuration used by the second user is cellular, Ethernet, Token Ring, FDDI, Wireless LAN, Satellite, Bluetooth etc.

94. (Previously Presented) A system according to claim 14, characterized in that the session invitation is in the form of real time text, audio, audio and text, voice and streaming video, voice and real time video, voice and office tools or VR gaming.

95. (Previously Presented) A system according to claim 15, characterized in that the session invitation is in the form of real time text, audio, audio and text, voice and streaming video, voice and real time video, voice and office tools or VR gaming.

96. (Previously Presented) A system according to claim 16, characterized in that the session invitation is in the form of real time text, audio, audio and text, voice and streaming video, voice and real time video, voice and office tools or VR gaming.

97. (Previously Presented) A system according to claim 17, characterized in that the session invitation is in the form of real time text, audio, audio and text, voice and streaming video, voice and real time video, voice and office tools or VR gaming.

98. (Previously Presented) A system according to claim 18, characterized in that the session invitation is in the form of real time text, audio, audio and text, voice and streaming video, voice and real time video, voice and office tools or VR gaming.

99. (Previously Presented) A system according to claim 19, characterized in that the session invitation is in the form of real time text, audio, audio and text, voice and streaming video, voice and real time video, voice and office tools or VR gaming.

100. (Previously Presented) A system according to claim 20, characterized in that the session invitation is in the form of real time text, audio, audio and text, voice and streaming video, voice and real time video, voice and office tools or VR gaming.

101. (Previously Presented) A system according to claim 21, characterized in that the session invitation is in the form of real time text, audio, audio and text, voice and streaming video, voice and real time video, voice and office tools or VR gaming.

102. (Previously Presented) A system according to claim 14, characterized by means for adjusting timers in session establishment protocols to allow for the time required for the possible change of end point and/or access configuration.

103. (Previously Presented) A system according to claim 15, characterized by means for adjusting timers in session establishment protocols to allow for the time required for the possible change of end point and/or access configuration.

104. (Previously Presented) A system according to claim 16, characterized by means for adjusting timers in session establishment protocols to allow for the time required for the possible change of end point and/or access configuration.

105. (Previously Presented) A system according to claim 17, characterized by means for adjusting timers in session establishment protocols to allow for the time required for the possible change of end point and/or access configuration.

106. (Previously Presented) A system according to claim 18, characterized by means for adjusting timers in session establishment protocols to allow for the time required for the possible change of end point and/or access configuration.

107. (Previously Presented) A system according to claim 19, characterized by means for adjusting timers in session establishment protocols to allow for the time required for the possible change of end point and/or access configuration.

108. (Previously Presented) A system according to claim 20, characterized by means for adjusting timers in session establishment protocols to allow for the time required for the possible change of end point and/or access configuration.

109. (Previously Presented) A system according to claim 21, characterized by means for adjusting timers in session establishment protocols to allow for the time required for the possible change of end point and/or access configuration.

110. (Previously Presented) A system according to claim 22, characterized by means for adjusting timers in session establishment protocols to allow for the time required for the possible change of end point and/or access configuration.

111. (Previously Presented) A method according to claim 14, characterized by means for informing the first user about a possible change of end point and/or access configuration to allow for the time required for the change.

112. (Previously Presented) A method according to claim 15, characterized by means for informing the first user about a possible change of end point and/or access configuration to allow for the time required for the change.

113. (Previously Presented) A method according to claim 16, characterized by means for informing the first user about a possible change of end point and/or access configuration to allow for the time required for the change.

114. (Previously Presented) A method according to claim 17, characterized by means for informing the first user about a possible change of end point and/or access configuration to allow for the time required for the change.

115. (Previously Presented) A method according to claim 18, characterized by means for informing the first user about a possible change of end point and/or access configuration to allow for the time required for the change.

116. (Previously Presented) A method according to claim 19, characterized by means for informing the first user about a possible change of end point and/or access configuration to allow for the time required for the change.

117. (Previously Presented) A method according to claim 20, characterized by means for informing the first user about a possible change of end point and/or access configuration to allow for the time required for the change.

118. (Previously Presented) A method according to claim 21, characterized by means for informing the first user about a possible change of end point and/or access configuration to allow for the time required for the change.

119. (Previously Presented) A method according to claim 22, characterized by means for informing the first user about a possible change of end point and/or access configuration to allow for the time required for the change.

120. (Previously Presented) A method according to claim 23, characterized by means for informing the first user about a possible change of end point and/or access configuration to allow for the time required for the change.

121. (Previously Presented) A method according to claim 26, characterized by enabling a second user, in case of receiving an invitation request, to select between the steps of

- A) keeping terminal and access configuration for session,
- B) keeping terminal and changing access configuration for session,
- C) changing terminal and changing access configuration for session,
- D) changing terminal and access configuration for session.

122. (New) A method according to claim 1, wherein multiple application layer sessions are established between the first and second users.

123. (New) A method according to claim 13, wherein multiple application layer sessions are established between the first and second users.

124. (New) A method according to claim 15, wherein multiple application layer sessions are established between the first and second users.

125. (New) A method according to claim 2, characterized by the intermediate point forwarding the invitation in accordance with user preference data defining how the invitation shall be forwarded to the second user.